Specification Sheet

General Specifications	
Platform	Boxed Processor
Product Family	AMD Ryzen™ Processors
Product Line	AMD Ryzen™ 5 Desktop Processors
Former Codename	"Matisse"
# of CPU Cores	6
# of Threads	12
Max. Boost Clock	Up to 4.2GHz
Base Clock	3.6GHz
L1 Cache	384KB
L2 Cache	3MB
L3 Cache	32MB
Default TDP	65W
Processor Technology for CPU Cores	TSMC 7nm FinFET
Unlocked for Overclocking	Yes
CPU Socket	AM4
Thermal Solution (PIB)	Wraith Stealth
Thermal Solution (MPK)	Wraith Stealth
Max. Operating Temperature (Tjmax)	95°C
*OS Support	Windows 11 - 64-Bit Edition
	Windows 10 - 64-Bit Edition
	RHEL x86 64-Bit
	Ubuntu x86 64-Bit
	*Operating System (OS) support will vary by manufacturer.
Connectivity	
PCI Express® Version	PCIe 4.0 x16
System Memory Type	DDR4
Memory Channels	2
System Memory Specification	Up to 3200MHz
Graphics Capabilities	
Integrated Graphics	No
Graphics Model	Discrete Graphics Card Required
Product IDs	
Product ID Boxed	100-100000031BOX
Product ID Tray	100-000000031
Product ID MPK	100-100000031MPK